Automated Derivation of Limiting Distributions Of Combinatorial Random Variables given by Bivariate Rational Functions

By Gleb Pogudin, Manuel Kauers, and Doron ZEILBERGER

Abstract:

0. Maple Package and Sample Output

This article is accompanied by a Maple package, `BVM.txt`, that is available, along with six input and output files, from

`http://www.math.rutgers.edu/~zeilberg/mamarim/mamarimhtml/bvm.html` .

1. Preface

8. References

Gleb Pogudin, Institute for Algebra, Johannes Kepler Universty, Linz, Austria. `pogudin.gleb@gmail.com`

Manuel Kauers, Manuel Kauers ,Institute for Algebra, Johannes Kepler Universty, Linz, Austria. `manuel.kauers@jku.at`

Doron Zeilberger, Department of Mathematics, Rutgers University (New Brunswick), Hill Center-Busch Campus, 110 Frelinghuysen Rd., Piscataway, NJ 08854-8019, USA;
DoronZeil at gmail dot com ; `http://www.math.rutgers.edu/~zeilberg/` .

Exclusively published in The Personal Journal of Shalosh B. Ekhad and Doron Zeilberger (`http://www.math.rutgers.edu/~zeilberg/pj.html`), the authors' websites, and `arxiv.org` .

Dec. 15, 2016